

ABSTRACT OF THE DISCLOSURE

A niobium powder having a nitrogen content of about 500 - about 7,000 ppm by weight, and having a mean particle diameter of at least about 0.2 μm and less than about 3 μm . Preferably the niobium powder has a reduced content of impurities. A sintered body of the niobium powder. This sintered body generally has a specific leakage current index of not more than about 400 [$\text{pA}/(\mu\text{F}\cdot\text{V})$]. The capacitor having (i) an electrode composed of the sintered body, (ii) a counter electrode and (iii) a dielectric intervening between the two electrodes exhibits good leakage current characteristics.

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